

Title (en)

Spherical aberration correcting method and apparatus

Title (de)

Verfahren und Gerät zur Korrektur der sphärischen Aberration

Title (fr)

Méthode et appareil pour corriger l'aberration sphérique

Publication

EP 1385156 B1 20061108 (EN)

Application

EP 03015552 A 20030710

Priority

JP 2002216683 A 20020725

Abstract (en)

[origin: EP1385156A1] A spherical aberration correcting apparatus is incorporated in an information recording system and gives the system a function of correcting spherical aberration in a real-time and effective manner under a recording operation of pieces of information. The spherical aberration correcting apparatus comprises a recording unit (50(2,4,8)), reflected-light level detecting unit (51(5,6)), correction amount deciding unit (52(6)), and spherical aberration correcting unit (53(7)). The recording unit records a piece of information through radiation of an optical beam (9) onto an optical disk (D). The detecting unit detects a level of light formed of the optical beam reflected from the optical disk under a recording operation for the information, while the deciding unit decides a correction amount for spherical aberration on the basis of the level of the reflected-light. The correcting unit corrects the spherical aberration by using the correction amount. <IMAGE>

IPC 8 full level

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CPC (source: EP US)

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